

# **SR**

## ***STAGE RIGHT***

Stage Wash 7x 10W LED Moving Head (RGBW)



P/N 612870

**User's Manual**

# CONTENTS

SAFETY WARNINGS AND GUIDELINES.....	3
INTRODUCTION.....	4
FEATURES.....	5
CUSTOMER SERVICE.....	5
PACKAGE CONTENTS.....	6
PRODUCT OVERVIEW.....	6
Fixture.....	6
MENU SYSTEM.....	7
DMX Address.....	7
Mode Selection.....	8
Pan Inversion.....	8
Tilt Inversion.....	8
Display Inversion.....	9
DMX Channel Selection.....	9
Pan Angle Limit.....	9
Tilt Angle Limit.....	9
Fixture Reset.....	10
Factory Defaults.....	10
MASTER/SLAVE MODE.....	10
DMX TERMINATION.....	11
DMX CONTROL.....	11
9-Channel Mode.....	11
14-Channel Mode.....	12
TECHNICAL SUPPORT.....	12
SPECIFICATIONS.....	13

# 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.
- Do not touch the device, the power cord, or any other connected cables with wet hands.
- When installing this device, ensure that the mount is sufficiently robust to support the weight of the unit and to prevent unwanted movement.
- Do not subject the product to extreme force, shock, or fluctuations in temperature or humidity.
- 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.
- Ensure that there are no flammable materials within about 3 feet of this device. Ensure that there is at least 20 inches of ventilation space around this unit.
- 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.
- Disconnect the unit from the power source when replacing the fuse. Replace the fuse only with the same type.
- Unplug this device from the power source when not in use.

- 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.
- Ensure that power is turned off and disconnected before making any electrical connections.
- Do not obstruct the fan or vent openings. Ensure that the unit is properly ventilated.
- 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 connect this light to a dimmer pack.
- Do not look directly into the light source.
- This device should only be operated by qualified adults.
- In the event of serious operating problem, stop using the unit immediately.

## INTRODUCTION

Thank you for purchasing this Moving Head Stage Wash from Monoprice! This LED stage light features 7x 10-watt 4-in-1 RGBW LEDs, 9-channel or 14-channel DMX-512 control, an automatic mode, and a sound activated mode. It includes a variable electronic strobe and variable electronic dimmer, plus support for up to 540° of pan and up to 270° of tilt, each of which can be inverted. A vector speed channel allows for speed control of pan/tilt, RGBW color mixing, and color macros.

## FEATURES

- 7x 10-watt RGBW LEDs
- 9-channel and 14-channel DMX-512 control options
- Pan can be limited to 180°, 360°, and 540°
- Tilt can be limited to 90°, 180°, and 270°
- Supports RGBW color mixing
- Includes a built-in variable electronic strobe function
- Includes a built-in variable electronic dimmer function
- Includes a vector speed channel for pan/tilt, RGBW color mixing, and color macros
- Includes an invert option for pan, tilt, and the LED display
- Includes built-in movement macros via master/slave or DMX control
- Fan cooled

## 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](http://www.monoprice.com) during normal business hours (Mon-Fri: 5am-7pm PT, Sat-Sun: 9am-6pm PT) or via email at [support@monoprice.com](mailto: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 Mini moving head wash light

1x Hanging bracket

2x Screws

1x AC power cable

1x User's manual

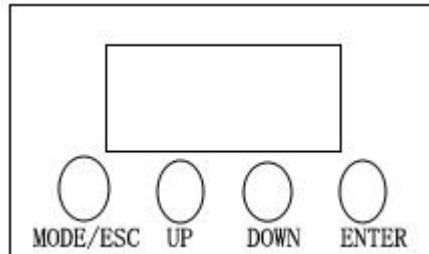
## PRODUCT OVERVIEW

### Fixture



## CONTROLS AND MENU DISPLAY

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



- Press the **MODE/ESC** button to access the menu system and to cycle through the available menu options.
- Press the **ENTER** button to edit the currently displayed mode.
- When editing a menu option, press the **UP** button to increase the displayed value. 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.
- When editing a menu option, press the **DOWN** button to decrease the displayed value. 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 save the changes.
- If you want to discard any changes made to the value of the selected function or mode, press the **MODE/ESC** button to cancel editing.

## MENU SYSTEM

### DMX Address

Perform the following steps to set the DMX address.

1. Press the **MODE/ESC** button until the display shows **d###**, where **###** is a number between **001** and **512**.
2. Press the **ENTER** button to edit the displayed value.

3. Use the **UP** and **DOWN** buttons to change the displayed value.
4. Press the **ENTER** button to save the new address setting. Alternatively, press the **MODE/ESC** button to cancel your changes.

## Mode Selection

Perform the following steps to set the mode.

1. Press the **MODE/ESC** button until the display shows **SLoU**, **FASt**, **SrUn**, **crUn**, or **Son**.
2. Use the **UP** and **DOWN** buttons to change the display to show one of the following options:
  - nASL**: Slow auto master mode
  - nAFA**: Fast auto master mode
  - nStS**: Sound activated master mode
  - nStc**: Not used, do not select
  - SLAu**: Slave/DMX control mode
3. Press the **ENTER** button to save the new mode setting. Alternatively, press the **MODE/ESC** button to cancel your changes.

## Pan Inversion

1. Press the **MODE/ESC** button until the display shows **PAn** (normal pan) or **rPAn** (inverted pan).
2. Use the **UP** and **DOWN** buttons to change from **PAn** to **rPAn** or from **rPAn** to **PAn**.
3. Press the **ENTER** button to save the new setting. Alternatively, press the **MODE/ESC** button to cancel your changes.

## Tilt Inversion

1. Press the **MODE/ESC** button until the display shows **tiL** (normal tilt) or **rtiL** (inverted tilt).



2. Use the **UP** and **DOWN** buttons to change from **tiL** to **rtiL** or from **rtiL** to **tiL**.
3. Press the **ENTER** button to save the new setting. Alternatively, press the **MODE/ESC** button to cancel your changes.

## Display Inversion

1. Press the **MODE/ESC** button until the display shows **diS** (normal display) or **rdiS** (inverted display).
2. Use the **UP** and **DOWN** buttons to change from **diS** to **rdiS** or from **rdiS** to **diS**.
3. Press the **ENTER** button to save the new setting. Alternatively, press the **MODE/ESC** button to cancel your changes.

## DMX Channel Selection

1. Press the **MODE/ESC** button until the display shows **9CH** or **14CH**.
2. Use the **UP** and **DOWN** buttons to change the value.
3. Press the **ENTER** button to save the new setting. Alternatively, press the **MODE/ESC** button to cancel your changes.

## Pan Angle Limit

Perform the following steps to limit the maximum pan angle to 180°, 360°, or 540°.

1. Press the **MODE/ESC** button until the display shows **PA18**, **PA36**, or **PA54**.
2. Use the **UP** and **DOWN** buttons to change the value.
3. Press the **ENTER** button to save the new setting. Alternatively, press the **MODE/ESC** button to cancel your changes.

## Tilt Angle Limit

Perform the following steps to limit the maximum tilt angle to 90°, 180°, or 270°.

1. Press the **MODE/ESC** button until the display shows **ti09**, **ti18**, or **ti27**.

2. Use the **UP** and **DOWN** buttons to change the value.
3. Press the **ENTER** button to save the new setting. Alternatively, press the **MODE/ESC** button to cancel your changes.

## Fixture Reset

Perform the following steps to reset the fixture.

1. Press the **MODE/ESC** button until the display show **rEst**.
2. Press the **ENTER** button to reset the fixture.

## Factory Defaults

Perform the following steps to set all values to their factory default settings.

1. Press the **MODE/ESC** button until the display shows **LoAd**.
2. Press the **ENTER** button to set all values to their factory default settings.

## MASTER/SLAVE MODE

You can daisy chain up to 32 identical fixtures together and have them perform the same functions at the same time. The first fixture should be set to a Master mode and all other fixtures should be set to Slave mode. Note that the last fixture in the chain must have a DMX terminator connected to the DMX OUT connector and the total serial data link distance of not more than 1640 feet (500 meters).

When the fixture mode is set to **nASL/SLoU**, **nAFA/FASt**, or **nStS/SrUn**, it is considered to be in a Master mode. When in a Master mode, any connect fixtures set to Slave mode will duplicate the actions of the Master fixture.

When the fixture mode is set to **SLAu/Son**, it is considered to be in Slave mode. When in Slave mode, the fixture will duplicate the actions of a connected Master fixture. Additionally, it will respond to commands sent from a DMX controller.

## 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.

## DMX CONTROL

When the fixture mode is set to **SLAu/Son**, it can be controlled using a DMX Controller. The fixture supports both 9-channel and 14-channel DMX control.

### 9-Channel Mode

Channel	Function
1	Pan Control
2	Tilt Control
3	Master Dimmer (0-100%)
4	Red Dimmer (0-100%)
5	Green Dimmer (0-100%)
6	Blue Dimmer (0-100%)
7	White Dimmer (0-100%)
8	Pan/Tilt Speed (slow to fast)
9	Reset

## 14-Channel Mode

Channel	Function
1	Pan Control (coarse)
2	16-bit Pan Control (fine)
3	Tilt Control (coarse)
4	16-bit Tilt Control (fine)
5	Pan/Tilt Speed (slow to fast)
6	Master Dimmer (0-100%) and Strobe (slow to fast)
7	Red Dimmer (0-100%)
8	Green Dimmer (0-100%)
9	Blue Dimmer (0-100%)
10	White Dimmer (0-100%)
11	RGBW Color Mixing (0-231) and Random Color Mixing (232-255)
12	Color Mixing Speed (slow to fast)
13	Function Combination (Auto and Sound Activated)
14	Reset

## 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](http://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](mailto:tech@monoprice.com)

## SPECIFICATIONS

Model	612870
Light Source	7x 10-watt 4-in-1 RGBW LEDs
Maximum Pan Range	540°
Maximum Tilt Range	270°
DMX Channels	9-channel or 14-channel
Input Power	90 ~ 240 VAC, 50/60 Hz
Maximum Power Consumption	80 watts
Fuse Type	250V, 1A
Dimensions	11.8" x 9.4" x 9.4" (300 x 240 x 240 mm)
Weight	8.4 lbs. (3.8 kg)