

MONOPRICE

ShowPony 12-Watt LED Derby FX Light (RGBW)



P/N 612900

User's Manual

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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.
- 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.

FEATURES

- Four 3-watt LEDs (1 each of Red, Green, Blue, and White)
- 6-channel DMX control modes
- 10 built-in presets/programs
- Stand-alone and DMX modes

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

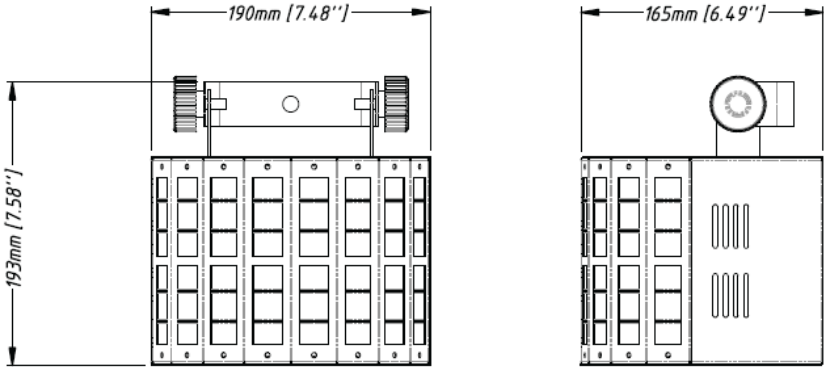
Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

1x ShowPony 12-watt LED Derby FX Light

1x AC power cord (NEMA 5-15 to IEC 60320 C13)

1x User's manual

DIMENSIONS DIAGRAM



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. When the light is first plugged in, the display will show the last DMX channel number set (d001 by default).



- Press the **MENU** button to cycle through the various modes and functions.
- Press the ▲ 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 ▼ 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.
- 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 MAP

MODE	VALUES	DESCRIPTION
A001	A001 - A512	DMX channel selection
A1	A1_1 - A1_9	Red color
A2	A2_1 - A2_9	Green color
A3	A3_1 - A3_9	Blue color
A4	A4_1 - A4_9	White color
A5	A5_1 - A5_9	Single color jumping
A6	A6_1 - A6_9	Single and multicolor jumping
A7	A7_1 - A7_9	Two color jumping
A8	A8_1 - A8_9	Four color strobe
S1	S1_1 - S1_9	Four color sound activated
S2	S2_1 - S2_9	Single and multicolor sound activated

Note: In the above A# and S# options, 1-9 controls the speed of the motor, slow to fast. The strobe speed for A8 is fixed.

DMX CONTROL

When the light is set to a DMX address it will respond to signals from a DMX controller. The following table shows the functions and values for each channel in DMX mode.

CH	VALUES	FUNCTION
1	000 - 255	Strobe (slow-fast, 000=no strobe)
2	000 - 255	Red color (dark-bright, 000=red LEDs off)
3	000 - 255	Green color (dark-bright, 000=green LEDs off)
4	000 - 255	Blue color (dark-bright, 000=blue LEDs off)
5	000 - 255	White color (dark-bright, 000=white LEDs off)
6	000 - 127	Absolute motor positioning
	128 - 255	Motor forward and reverse (slow-fast-slow)

TROUBLESHOOTING

Q1: The light does not turn on and the menu will not display.

A1: Check the power cable to ensure it is properly plugged in. Ensure that the power outlet is live by plugging in a different device.

Q2: The light will not turn on, but the menu does display.

A2: Using the menu, ensure that all the color dimmers are not set to 000.

Q3: The light does not respond to DMX commands.

A3: Ensure that the light is set to DMX mode with a valid DMX address.

Check for address conflicts with other devices. Try swapping out the DMX cable with a known good one. Ensure that there is a DMX terminator connected to the **DMX Out** connector of the final fixture in the daisy-chain. Verify that the DMX controller is operating properly by using it with another DMX device.

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	612900
Light Source	4x 3-watt LEDs (1 each Red, Green, Blue, and White)
LED Lifespan	50,000 ~ 100,000
Input Power	100 ~ 260 VAC, 50/60 Hz
Power Consumption	20 watts
Signal Input	3-pin XLR male
Signal Output	3-pin XLR female
Control Modes	Standalone, Auto, Sound Activated
Functions	Dimmer, Strobe
Ingress Protection Rating	IP20
Anti-Electricity Intension	> 1.5kV
Insulation Resistance	> 2M Ω
Cooling	Fan
Dimensions	7.5" x 6.5" x 7.6" (190 x 165 x 193 mm)
Weight	2.6 lbs. (1.2kg)

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.